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Aq. nail varnish, opt. coloured, with good water resistance - contains very small dispersed anionic polyester-polyurethane particles and opt. anionic polyether-polyurethane particles.

Patent Assignee: L'OREAL SA (OREA)

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Number of Countries: 018 Number of Patents: 014

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 648485	A1	19950419	EP 94402302	A	19941014	199520 B
FR 2711059	A1	19950421	FR 9312272	A	19931015	199521
CA 2118177	A	19950416	CA 2118177	A	19941014	199529
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JP 7196452	A	19950801	JP 94248072	A	19941013	199539
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US 5538717	A	19960723	US 94323225	A	19941014	199635
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Cited Patents: EP 143480; EP 391322; EP 423471

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 648485	A1	F	9	A61K-007/043	
Designated States (Regional): AT BE CH DE ES FR GB IT LI NL SE					
CA 2118177	A	F		A61K-007/43	
JP 7196452	A		6	A61K-007/043	
US 5538717	A		5	A61K-007/04	
RU 2101002	C1		6	A61K-007/043	
JP 2793965	B2		6	A61K-007/043	Previous Publ. patent JP 7196452
HU 215271	B			A61K-007/043	Previous Publ. patent HU 69310
EP 648485	B1	F		A61K-007/043	
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DE 69415464	E			A61K-007/043	Based on patent EP 648485
ES 2127361	T3			A61K-007/043	Based on patent EP 648485
FR 2711059	A1			A61K-007/043	
BR 9404104	A			A61K-007/043	
HU 69310	T			A61K-007/043	
CN 1112414	A			A61K-007/043	

Abstract (Basic): EP 648485 A

An aq. nail varnish, coloured or colourless, contains dispersed particles of anionic polyester-polyurethane of size 2-40 nm. The hardness of a film, 300 μ m thick, obtd. by drying a 28% aq. dispersion of the particles at 30 deg. C and 50% RH, for 24 hr., is

50-300 sec., measured using a Persoz pendulum.

ADVANTAGE - Improved water resistance is obtd., while retaining gloss and ease of spreading on the nails.

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Title Terms: AQUEOUS; NAIL; VARNISH; OPTION; COLOUR; WATER; RESISTANCE;
CONTAIN; DISPERSE; ANION; POLYESTER; POLYURETHANE; PARTICLE; OPTION;
ANION; POLYETHER; POLYURETHANE; PARTICLE

Derwent Class: A96; D21; G02

International Patent Class (Main): A61K-007/04; A61K-007/043; A61K-007/43

File Segment: CPI